

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	Pittsburg Tank & Tower, Elevated Division, Inc.
Address:	1329 US Hwy 41, Sebree, KY 42455
Date application received:	9/19/2003
SIC/Source description:	3499, Fabricated Metal Products, NEC
Source ID #:	21-233-00078
Source A.I. #:	35816
Activity #:	APE20040001
Permit number:	F-05-028

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	0.007	0.125	N/A
VOC	12.44	217.90	90.0
Single HAPs			
Ethyl Benzene (100-41-4)	1.00	17.52	9.0
Methyl Ethyl Ketone (78-93-3)	2.97	52.01	9.0
Methyl Isobutyl Ketone (108-10-1)	0.87	15.33	9.0
Methylene Diphenyl Diisocyanate (101-68-8)	4.40	77.21	0.66
Xylenes (1330-20-7)_	5.37	94.17	9.0
Source wide HAPs	14.54	256.24	22.5

Note: The emission factors for specific HAPs and VOC are calculated by mass balance and are based on previous years paint usage except in the case of Methylene Diphenyl Diisocyanate where the emission factor is calculated directly from the Material Safety Data Sheet and not from the paint as mixed. This data is not readily available and based on the toxics analysis would not significantly affect the emission limits in the permit.

SOURCE DESCRIPTION:

See Statement of Basis

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility will be subject to emission caps of ninety (90.0) tons per year for VOC, nine (9) tons per year for single HAP and twenty-two and a half (22.5) tons per year for combined HAPS. These emission caps will preclude the applicability of the following regulations: 401 KAR 59:225, New miscellaneous metal parts and product surface coating operations and 40 CFR 63, Subpart Mmmm, National Emission Standards for Miscellaneous Metal Parts and Products Surface Coating Operations. The source will be subject to an emission cap of one thousand three hundred twenty-four (1,324) pounds per year for methylene diphenyl diisocyanate (CAS No. 101-68-8) for the purpose of complying with 401 KAR 63:020, Potentially hazardous matter and toxic substances.